

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An electronic LED circuit arrangement, ~~having comprising:~~
a lead (3), via which electronic circuit elements (6) of the LED circuit arrangement
comprising LED components are drivable by a drive circuit (2; 20; 21; 22); and
an evaluation circuit located in the LED circuit arrangement;
wherein the lead (3) has a plurality of coding conductors (3e, 3d), which carry a code by
means of a combination of electrically interrupted and electrically continuous coding conductors
(3e, 3d), said code giving an indication of specific properties of the LED circuit arrangement; and
wherein ~~said code is detectable by an evaluation circuit which is integrated in the circuit~~
arrangement adapted to detect said code.
2. (Currently Amended) The electronic LED circuit arrangement as claimed in claim
1, wherein the evaluation circuit (70; 71; 72; 73) passes a corresponding control signal to the drive
circuit (2; 20; 21).
3. (Currently Amended) The electronic LED circuit arrangement as claimed in claim
1, wherein an interrupted coding conductor represents the logic state "0" and a non-interrupted
coding conductor represents the logic state "1".

4. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 2, wherein at least two coding conductors (~~3d~~) are individually connectable to a measurement voltage source of the drive circuit (~~21~~) and the coding conductors (~~3d~~) are furthermore connectable to the evaluation circuit (~~73~~).

5. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 1, wherein the evaluation circuit (~~72; 73~~) is a digital/analog converter (D/A).

6. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 5, wherein the digital/analog converter (D/A) contains a resistor network.

7. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 6, wherein a reference voltage (U_{ref}) of the digital/analog converter (D/A) is a measurement voltage provided by the measurement voltage source.

8. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 1, wherein an electrical supply line for the circuit elements is provided by at least one electrically continuous coding conductor (~~3d~~).

9. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 1, wherein the lead and the circuit arrangement are arranged on a common carrier.

10. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 1, wherein the lead is arranged on a flexible part of a carrier.

11. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 1, wherein the coding conductors (~~3e, 3d~~) are interruptable by perforation, stamping and/or milling.

12. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 1, wherein the lead is electrically connectable to the drive circuit and/or to the circuit arrangement (~~4~~) by plug connectors.

13. (Canceled).

14. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 13, wherein the LED circuit arrangement (~~4~~) has a plurality of LED chains each having a plurality of LED components (~~6~~), said LED chains being electrically connected in parallel with one another.

15. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 14, wherein the coding is correlated by the brightness grouping of the LED components used in the LED circuit arrangement.

16. (Currently Amended) A method for coding an electronic LED circuit arrangement, as claimed in claim 1, wherein the lead is coded by perforation, stamping and/or milling after the

completion of the electronic LED circuit arrangement, in accordance with the properties, parameters and/or functions of said electronic LED circuit arrangement.

17. (Currently Amended) The electronic LED circuit arrangement as claimed in claim 9, wherein the common carrier comprises a printed circuit board.

18. (Canceled).